

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 205 | (433/11).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/13 18:06 |
| S2 | 275 | (433/3).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 13:55 |
| S3 | 116 | (433/13).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:04 |
| S4 | 0 | ("perry.in.and opin.in.").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:04 |
| S5 | 3 | perry.in. and opin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 14:05 |
| S6 | 3 | shingo.in. and katayose.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 14:05 |
| S7 | 2 | kousei.in. and endo.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 14:06 |
| S8 | 57 | masaaki.in. and orikasa.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 14:06 |
| S9 | 6 | ("4698017" "5562444" "5906486").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 14:23 |

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|-----|----|--|--|-----|-----|---------------------|
| S10 | 25 | (US-20050221248-\$ or US-20040170942-\$ or US-20040166459-\$ or US-20040072119-\$ or US-20040072118-\$ or US-20030039938-\$ or US-20030031975-\$ or US-20020132206-\$ or US-20010005574-\$ or US-20040013992-\$ or US-20020006595-\$ or US-20020119414-\$).did. or (US-6368105-\$ or US-6257883-\$ or US-6193508-\$ or US-6168428-\$ or US-5913680-\$ or US-5906486-\$ or US-5562444-\$ or US-4492573-\$ or US-4248588-\$ or US-6776613-\$ or US-6071119-\$ or US-5586882-\$).did. or (US-3076265-\$).did. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 14:26 |
| S11 | 12 | S10 and concave | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 14:27 |
| S12 | 9 | S10 and clip release tool | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 14:29 |
| S13 | 0 | (10/784313).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:29 |
| S14 | 0 | ("10784313").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:29 |
| S15 | 2 | ("20040166459").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:31 |
| S16 | 1 | 1998-297545.NRAN. | DERWENT | AND | ON | 2006/01/15 14:30 |
| S17 | 2 | ("5474445").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:39 |
| S18 | 2 | ("6168428").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 14:39 |

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| S19 | 2 | ("20020119414").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 16:09 |
| S20 | 1 | 2002-691199.NRAN. | DERWENT | AND | ON | 2006/01/15 15:53 |
| S21 | 2 | ("6776613").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 16:23 |
| S22 | 1 | 2003-289604.NRAN. | DERWENT | AND | ON | 2006/01/15 16:09 |
| S23 | 78 | clip and tool and recess and spherical and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 16:43 |
| S24 | 419 | bracket and clip and tool and recess and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 16:30 |
| S25 | 63 | bracket and clip and (release same tool) and recess and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 16:32 |
| S26 | 205 | (433/10).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/01/15 16:32 |
| S27 | 67 | orthodontic bracket and clip release tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/01/15 16:43 |
| S28 | 0 | ("6942483").URPN. | USPAT | AND | ON | 2006/01/15 16:44 |
| S29 | 6 | ("4023274" "4144642" "4492573" "4712999" "5562444" "5711666"). PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 16:45 |
| S30 | 9 | ("5108285" "5224858" "5288229" "5474445" "5562444" "5630716" "5913680" "6071119" "6257883").PN. OR ("6776613").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 16:47 |
| S31 | 26 | ("5474445" "5613850" "5630715" "5711666" "5857850" "5863199" "5890893" "5908293" "5913680").PN. OR ("6071119").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/01/15 16:49 |

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|-----|------|---|---|-----|----|---------------------|
| S32 | 22 | ("3772787" "4077126" "4144642" "4197642" "4248588" "4419078" "4559012" "4561844" "4634661" "4655708" "4698017" "4712999" "4786242" "5094614" "5248257" "5322435" "5474445"), FN, OR ("6168428"), URPN. | US-PGPUB; USPAT; USOOR | AND | ON | 2006/01/15 16:50 |
| S33 | 67 | orthodontic bracket and clip release tool | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/01/16 14:42 |
| S35 | 4341 | half and spher\$5 and dome | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/01/16 15:04 |
| S36 | 1 | half adj spher\$5 adj dome and tool and clip and recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/01/16 15:05 |
| S37 | 12 | half adj spher\$5 adj dome and recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/01/16 15:06 |
| S38 | 29 | half adj spher\$5 adj dome | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/01/16 15:06 |
| S39 | 50 | (US-6733286-\$ or US-6659766-\$ or US-6655957-\$ or US-5474444-\$ or US-4416627-\$ or US-4859179-\$ or US-5531414-\$ or US-4795091-\$ or US-5570860-\$ or US-6863424-\$ or US-5247725-\$ or US-4890808-\$ or US-5303892-\$ or US-5802772-\$ or US-6098943-\$ or US-4261151-\$ or US-5791897-\$ or US-4482944-\$ or US-4507105-\$ or US-4509648-\$ or US-4614015-\$ or US-4621991-\$ or US-4765495-\$ or US- | USPAT | AND | ON | 2006/01/16 16:30 |

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|-----|------|---|--|------|---------------------------|
| | | 4773280-\$ or US- 4852317-\$ or US- 4895473-\$).did. or (US- 6302688-\$ or US- 6776613-\$ or US- 5516284-\$ or US- 5288229-\$ or US- 6582226-\$ or US- 6655958-\$ or US- 6325622-\$ or US- 6394798-\$ or US- 6932597-\$ or US- 6726474-\$ or US- 6695612-\$ or US- 6616445-\$ or US- 6659767-\$ or US- 4472137-\$ or US- 4260375-\$ or US- 4443189-\$ or US- 5630715-\$ or US- 4023274-\$ or US- 6843651-\$ or US- 3871096-\$ or US- 3854207-\$ or US- 3835539-\$ or US- 6984127-\$ or US- 4845912-\$).did. | | | |
| S41 | 2149 | clip release tool | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON 2006/10/03 13:33 |
| S42 | 392 | clip release tool recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON 2006/10/03 13:40 |
| S43 | 5 | (clip adj release) tool recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON 2006/10/03 13:36 |
| S44 | 4 | clip release tool recess convex | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON 2006/10/03 13:36 |
| S45 | 4 | "cut and rising" or "cut-and-rising" | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON 2006/10/03 13:55 |

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| S46 | 25 | ("20010005574" "20020006595" "20020119414" "3076265" "4698017" "5562444" "5586882" "5906486" "6071119" "6168428" "6193508" "6776613").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 14:44 |
| S47 | 217 | (433/10).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 15:44 |
| S48 | 2 | ("0607118").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 15:44 |
| S49 | 2 | ("6071118").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 15:44 |
| S50 | 219 | (433/11).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S51 | 284 | (433/3).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S52 | 119 | (433/13).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S53 | 0 | ("perry.in.andopin.in.").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S54 | 3 | perry.in. and opin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S55 | 3 | shingo.in. and katayose.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S56 | 2 | kousei.in. and endo.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |

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| S57 | 57 | masaaki.in. and orikasa.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S58 | 6 | ("4698017" "5562444" "5906486").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S59 | 24 | (US-20050221248-\$ or US-20040170942-\$ or US-20040166459-\$ or US-20040072119-\$ or US-20040072118-\$ or US-20030039938-\$ or US-20030031975-\$ or US-20020132206-\$ or US-20010005574-\$ or US-20040013992-\$ or US-20020006595-\$ or US-20020119414-\$).did. or ((US-6368105-\$ or US-6257883-\$ or US-6193508-\$ or US-6168428-\$ or US-5913680-\$ or US-5906486-\$ or US-5562444-\$ or US-4492573-\$ or US-4248588-\$ or US-6776613-\$ or US-6071119-\$ or US-5586882-\$).did. or ((US-3076265-\$).did. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S60 | 12 | S59 and concave | US-PGPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S61 | 9 | S59 and clip release tool | US-PGPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S62 | 0 | (10/784313).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S63 | 0 | ("10784313").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S64 | 2 | ("20040166459").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S65 | 1 | 1998-297545.NRAN. | DERWENT | AND | ON | 2006/10/03 17:09 |

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| S66 | 2 | ("5474445").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S67 | 2 | ("6168428").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S68 | 2 | ("20020119414").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S69 | 1 | 2002-691199.NRAN. | DERWENT | AND | ON | 2006/10/03 17:09 |
| S70 | 2 | ("6776613").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S71 | 1 | 2003-289604.NRAN. | DERWENT | AND | ON | 2006/10/03 17:09 |
| S72 | 89 | clip and tool and recess and spherical and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S73 | 451 | bracket and clip and tool and recess and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S74 | 71 | bracket and clip and (release same tool) and recess and cutout | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S75 | 217 | (433/10).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S76 | 74 | orthodontic bracket and clip release tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S77 | 0 | ("6942483").URPN. | USPAT | AND | ON | 2006/10/03 17:09 |
| S78 | 6 | ("4023274" "4144642" "4492573" "4712999" "5562444" "5711666"). PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |

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| S79 | 9 | ("5108285" "5224858" "5288229" "5474445" "5562444" "5630716" "5913680" "6071119" "6257883").PN. OR ("6776613").URPN. | US-PCPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S80 | 29 | ("5474445" "5613850" "5630715" "5711666" "5857850" "5863199" "5890893" "5908293" "5913680").PN. OR ("6071119").URPN. | US-PCPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S81 | 24 | ("3772787" "4077126" "4144642" "4197642" "4248588" "4419078" "4559012" "4561844" "4634661" "4655708" "4698017" "4712999" "4786242" "5094614" "5248257" "5322435" "5474445").PN. OR ("6168428").URPN. | US-PCPUB; USPAT; USOCR | AND | ON | 2006/10/03 17:09 |
| S82 | 74 | orthodontic bracket and clip release tool | US-PCPUB; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S83 | 48 | (US-6733286-\$ or US-6659766-\$ or US-6655957-\$ or US-5474444-\$ or US-4416627-\$ or US-4859179-\$ or US-5531414-\$ or US-4795091-\$ or US-5570860-\$ or US-6863424-\$ or US-5247725-\$ or US-4890808-\$ or US-5303892-\$ or US-5802772-\$ or US-6098943-\$ or US-4261151-\$ or US-5791897-\$ or US-4482944-\$ or US-4507105-\$ or US-4509648-\$ or US-4614015-\$ or US-4621991-\$ or US-4765495-\$ or US-4773280-\$ or US-4852317-\$ or US-4895473-\$).did. or (US-6302688-\$ or US-6776613-\$ or US- | USPAT | AND | ON | 2006/10/03 17:09 |

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|-----|------|---|--|------|-----|---------------------|
| | | 5516284-\$ or US- 5288229-\$ or US- 6582226-\$ or US- 6655958-\$ or US- 6325622-\$ or US- 6394798-\$ or US- 6932597-\$ or US- 6726474-\$ or US- 6695612-\$ or US- 6616445-\$ or US- 6659767-\$ or US- 4472137-\$ or US- 4260375-\$ or US- 4443189-\$ or US- 5630715-\$ or US- 4023274-\$ or US- 6843651-\$ or US- 3871096-\$ or US- 3854207-\$ or US- 3835539-\$ or US- 6984127-\$ or US- 4845912-\$).did. | | | | |
| S84 | 31 | half adj spher\$5 adj dome | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S85 | 1 | half adj spher\$5 adj dome and tool and clip and recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S86 | 13 | half adj spher\$5 adj dome and recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S87 | 4695 | half and spher\$5 and dome | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2006/10/03 17:09 |
| S88 | 4 | "cut and rising" or "cut-and-rising" | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |
| S89 | 2 | ("6071118").PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S90 | 2149 | clip release tool | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |

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|-----|-----|--|--|------|-----|---------------------|
| S91 | 4 | clip release tool recess convex | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |
| S92 | 5 | (clip adj release) tool recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |
| S93 | 392 | clip release tool recess | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |
| S94 | 2 | ("0607118").PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S95 | 25 | ("20010005574" "20020006595" "20020119414" "3076265" "4698017" "5562444" "5586882" "5906486" "6071119" "6168428" "6193508" "6776613").PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | SAME | ON | 2006/10/03 17:09 |
| S96 | 217 | (433/10).COLS. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/10/03 17:09 |
| S97 | 34 | (US-20040166458-\$ or US-20030039938-\$ or US-20050221248-\$ or US-20020119414-\$ or US-20020006595-\$ or US-20020132206-\$ or US-20040072119-\$ or US-20040166459-\$ or US-20040170942-\$ or US-20030031975-\$ or US-20040072118-\$ or US-20040013992-\$ or US-20010005574-\$).did. or (US-6942483-\$ or US-6071118-\$ or US-6467176-\$ or US-5630716-\$ or US-4248588-\$ or US-4492573-\$ or US-6168428-\$ or US-6257883-\$ or US-5562444-\$ or US-5906486-\$ or US-6776613-\$ or US-6843651-\$ or US- | US-PGPUB; USPAT; USOOR; DERWENT | AND | ON | 2007/07/19 10:04 |

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|------|-----|--|--|-----|-----|---------------------|
| | | 5586882-\$ or US- 5913680-\$ or US- 6071119-\$ or US- 6193508-\$ or US- 6368105-\$).did. or (US- 2591361-\$ or US- 2952343-\$ or US- 3076265-\$).did. or (US- 6168428-\$).did. | | | | |
| S88 | 0 | (09/842308).APP. | USPAT; USOOR | AND | ON | 2008/07/18 20:43 |
| S99 | 16 | (orthodontic same bracket) and base and body and ((arch with wire) or archwire) and guide and wall and groove and clip and cover | US-PGPUB | AND | ON | 2008/07/18 20:46 |
| S100 | 1 | (orthodontic same bracket) and base and body and ((arch with wire) or archwire) and guide and wall and groove and clip and cover and perpendicular and mesiodistal | US-PGPUB | AND | ON | 2008/07/18 20:46 |
| S101 | 464 | (433/8).OCLS. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2008/07/18 20:54 |

7/18/2008 8:55:13 PM

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